

Continental Type 419F 250 KW Transmitter Capacitor Replacement Guide

Continental's 419F is a modern, versatile and high efficiency 250 kW shortwave transmitter designed specifically for international broadcasting service. Designed for continuous operation, this transmitter can be tuned to any frequency in the international broadcast bands between 3.9 and 22 megahertz in less than one minute.



Introduction:

In an effort to improve reliability and dependability, Continental teamed with Comet to identify replacement capacitors for the Continental Type 419F Transmitters.

Scope:

Continental was interested in continued support of existing installations.

Application:

Continental has verified these replacements and begun replacing failed capacitors in the field.

Responsibilities:

Since difference can occur over time in specific installations, it is always recommended to verify replacements in your application.

Recommended Capacitors:

- CV3C-75E/60
- MC2C-150E-2505
- CV4W-1600F/60
- CV3W-1600E/40
- CV3C-650E/55

Similar Transmitters:

These capacitors are also applicable to Continental Type 419C, 419D and 419F-2 transmitters. Please check with Comet or Continental if you have any questions.

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Continental Type 419F Transmitter

Manufacturer Description	Qty	Original Capacitor	Replacement Capacitor	Additional parts or changes required
Neutralizing	1	UHC-75-60S	CV3C-75E/60	Detailed instructions available on request.
Coupling	1	CFED-150-20S	MC2C-150E-2505	Two Comet 058-076 extension rods
PA Tuning	1	CWV1-1600-0060	CV4W-1600F/60	Continental Installation Kit #175967 and new capacitor pan (drawing available)
PA Loading	1	CWV2-1600-0040	CV3W-1600E/40	No Fixed End Cooling required.
Harmonic Filter	4	CVHP-650-55D-1468	CV3C-650E/55	None

